

HYFLEX 35/35P

Hyflex 35 is a high strength, flexible hoist rope built with maximum resistance to rotation suitable for use on single part and multi part hoist reeving systems. Its Land lay construction offers maximum resistance to wear. This rope also offers maximum rotation resistance - verified by testing on the in-house torque/turn machine. The optional plastic impregnation (PI) signifies full plastic impregnation of the steel core.

As per our standard practice, a sample of rope from each production batch is tested to destruction in order to confirm breaking load, to ensure compliance with catalogued breaking force.

A high strength,
flexible hoist rope

Maximum rotation
resistance

Maximum
resistance to wear

Fully lubricated

Tested for full
compliance



BRUNTON
WIRE ROPES

THE SPECIALIST



HYFLEX 35/35P

Constructions

35x7, 28x7

Core

Steel core (Optional
Plastic impregnated core)

Range

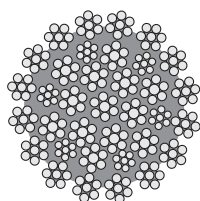
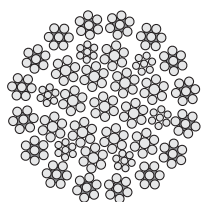
10mm - 52mm

Rope grade

1960 / 2160

MBF

76 - 1881 kN



Typical applications

Offshore cranes ▪ Floating cranes ▪ Mobile cranes ▪ Crawler cranes ▪ Rotary drilling machines ▪ Tower cranes ▪ Telescopic mobile cranes ▪ Truck mounted cranes ▪ Foundation works ▪ Overhead travelling cranes



NOM. ROPE DIA. mm	NOM. ROPE DIA. in	APPROX.* MASS kg/100m	MINIMUM BREAKING FORCE			
			GALVANISED & UNGALVANISED			
			ROPE GRADE			
			1960 N/mm ²		2160 N/mm ²	
			kN	tonnes	kN	tonnes
10		44.8	76	7.7	86.5	8.8
11		54.2	91	9.3	104.0	10.6
12		64.5	107	10.9	125.0	12.7
	1/2	72.0	123	12.5	137.0	14.0
13		76.0	128	13.0	146.0	14.9
14		88.0	148	15.1	168.0	17.1
16	5/8	115.0	194	19.8	221.0	22.5
18		145.0	242	24.7	277.0	28.2
19	3/4	162.0	277	28.2	312.0	31.8
20		179.0	301	30.7	337.0	34.4
21		198.0	335	34.1	370.0	37.7
22		217.0	370	37.7	412.0	42.0
	7/8	221.0	376	38.3	418.0	42.6
24		258.0	441	45.0	498.0	50.8
	1	289.0	491	50.1	546.0	55.7
26		303.0	517	52.7	581.0	59.2
28		351.0	599	61.1	681.0	69.4
	1 1/8	366.0	621	63.3	704.0	71.8
30		403.0	679	69.2	775.0	79.0
32	1 1/4	459.0	769	78.4	865.0	88.2
35	1 3/8	549.0	945	96.3	1044.0	106.0
36		581.0	983	100.0	1085.0	111.0
38	1 1/2	647.0	1078	110.0	1205.0	123.0
40		717.0	1202	123.0	1335.0	136.0
42		790.0	1227	125.0		
44		867.0	1347	137.0		
	1 3/4	885.0	1375	140.0		
46		948.0	1472	150.0		
48		1032.0	1603	163.0		
50		1120.0	1740	177.0		
	2	1156.0	1796	183.0		
52		1211.0	1881	192.0		

* Mass per unit length of HYFLEX 35P increases by approx. 3%

Note: • HYFLEX 35P is available on special request and prior confirmation.

- Rope Sizes and Breaking Force not shown in the standard table, may be available on request and prior confirmation.



Get in touch with us

Write to us at contact@bsme.uae

To send us a detailed enquiry

[CLICK HERE →](#)

Use our rope selector to find the right rope

[CLICK HERE →](#)

برنتن وایر راپس فز کوه

BW
Brunton Wire
Ropes FZCo.

P.O. BOX 17491, JEBEL ALI FREE ZONE, DUBAI, UAE

PH.: + 9714 8838755, + 971 50 9537280, + 971 50 177 5929, + 971 50 450 3717

FAX: + 9714 8838152 | E-MAIL: wireropes@bsme-uae.com, sm@bsme-uae.com, bmall@bsme-uae.com

an  **usha martin** Group company